

**We Claim:**

1           1.       A horizontally level raised terrace floor system for mounting over a  
2 non-level or irregular substructure that includes  
3           a plurality of spaced apart support pedestals that are fabricated of a heat  
4 shearable-foam material,  
5           said pedestals being mounted upon a non-level or irregular substrate, said  
6 pedestals being sheared to produce upper surfaces on said pedestals that are  
7 horizontally level,  
8           a plurality of flat grate panels being laid upon said pedestals to establish a  
9 sub floor, and  
10          a plurality of paving blocks mounted in interlocking abutting contact upon  
11 said grates to establish an upper floor over said grates, the spacing between said  
12 pedestals being greater than the surface area of said paving blocks.

1           2.       The terrace floor system of claim 1 wherein said grate panels are  
2 rectangularly shaped members and each member is supported at each corner upon a  
3 pedestal.

1           3.       The terrace floor system of claim 2 that further includes a plurality of  
2 joint dividers set upon said pedestals so that said rectangular grates abut against the  
3 joint dividers.

1           4.       The terrace floor system of claim 1 wherein said pedestals are formed  
2 of a high density foam.

1           5.       The terrace floor system of claim 4 wherein the high density foam is  
2 a polystyrene.

1           6.       The terrace floor system of claim 5 wherein the pedestals are affixed  
2 to the substructure by means of a polystyrene adhesive.

1           7.       The terrace floor system of claim 3 wherein said dividers are  
2 cruciform in shape and are unaffixed to the said pedestals.

1           8.       The terrace floor system of claim 2 wherein each grate panel is laid in  
2 abutting contact with its neighbor.

1           9.       The terrace floor system of claim 1 wherein said grate panels are  
2 formed of a material selected from the group consisting of steel, aluminum, plastic  
3 and fiberglass.

1           10.      The terrace floor system of claim 1 that further includes a sheet of  
2 protective material mounted between the top of the grate panels and the paving  
3 blocks.

1           11.      The terrace floor system of claim 10 wherein said sheet is formed of a  
2 geotextile material.

1           12.      The terrace floor of claim 1 wherein said grate panels have a plurality  
2 of perforations passing through top and bottom surfaces of said panels.

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